SPLIT WALL MOUNTED TYPE
AIR CONDITIONERS OWNER'S MANUAL

Thank you for choosing our Air Conditioner. Please read this OWNER'S MANUAL carefully prior to use and keep it for further reference.

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Read and understand thoroughly this safety awareness before use.

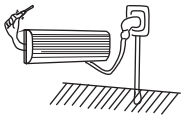
The items indicated here are very important safety precautions, which must be followed.

The following pictures are presented just for the purpose of illustration. As for some models whose cooling capacity is above 4600W(17000BTU/h), their power cables do not have a plug! So please take real objects as a reference.

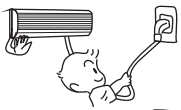
Absolutely not

Must be done

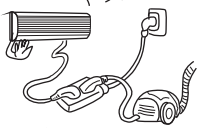
⚠ WARNING



The air conditioner must be grounded. Incomplete grounding may result in electric shocks.

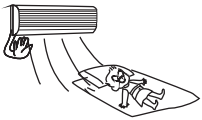


Do not pull the power cable during operation. It can cause fire. To pull out the plug, please turn off the unit and hold the plug to pull it out.

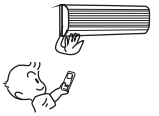


Do not attempt to extend the power cord by joining it to another cord, or by using an extension cord. Do not put any other loads on the power supply socket.

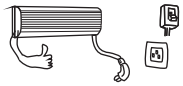
Do not damage the power cord, or do joint work. Piling up heavy objects on the power cable, approaching high temperature supply objects, or doing joint work will cause electric shock and fire.



Do not expose your body directly to the cool (or hot) air for prolonged period; do not cool (or heat) the room too much. This could effect your physical condition and cause health problems.

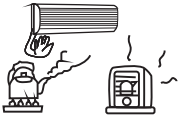


The appliances is not intended to be used by young children or infirm persons without supervision.



Pull out the power plug or turn off the power supply when not using the air conditioner for a long time. (Accumulated dirt might cause fire.)

An earth leakage breaker with rated capacity must be installed to avoid possible electric shocks.



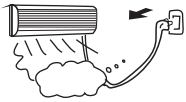
Do not put burning appliances at places exposed to the airflow, it may cause incomplete combustion.

SAFETY PRECAUTION

⚠ WARNING

Do not use these stuffs for cleaning:
chemical solvent, insecticide, inflammable spraying materials which will damage the appearance of air conditioner. Do not sprinkle water directly on the indoor unit.

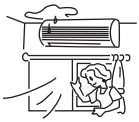
Close doors and windows (preferably use a curtain) while operating air conditioner for a long time, if room air is quite turbid, you could open the door and window for a moment to get some fresh air outside.



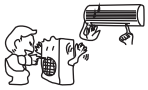
If anything abnormal such as a burning smell occurs, stop the operation immediately and turn the breaker off.

Do not install the air conditioner at places where flammable gas may leak. If there is electrical leakage accidentally from air conditioner, it is easy to cause fire or explosion.

Do not apply the unit for special purposes. Do not use to store precision equipment, food, painting etc, which require certain humidity and temperature, for their quality may be affected.



Do not open windows and doors while operating the air conditioner at COOL/DRY mode for a long time under high humidity condition (above 80%). Otherwise, condensed water may drip from the unit.

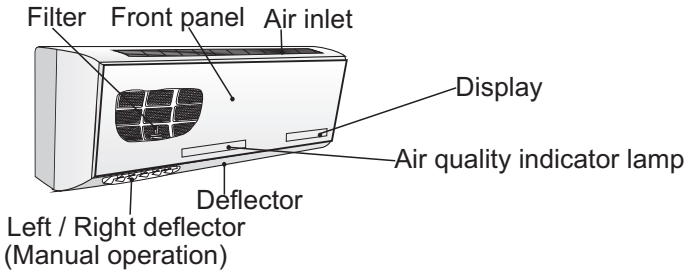


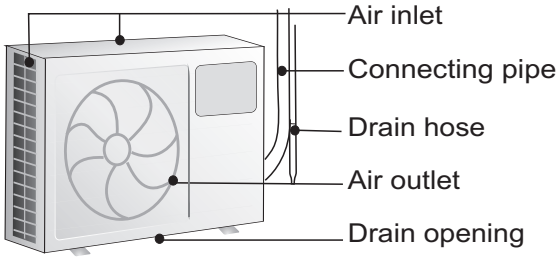
Do not insert a finger, a rod or any other objects into the air outlet/inlet grille. As the fan is running at a high speed, it will cause injury.

This product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling of electrical and electronic appliances.

The appliance shall be installed in accordance with national wiring regulations.
The appliance must not be installed in the laundry.
The appliance must be installed 2.5m above the floor.
The appliance must be positioned so that the plug is accessible.
For some models whose cooling capacity are above 4600W (17000BTU/h),
an all-pole disconnection device which has at least 3mm separation distance in all pole and a residual current device(RCD)with the rating of above 10mA shall be incorporated in the fixed wiring according to the national rule.

1.OUTDOOR UNIT AND INDOOR UNIT



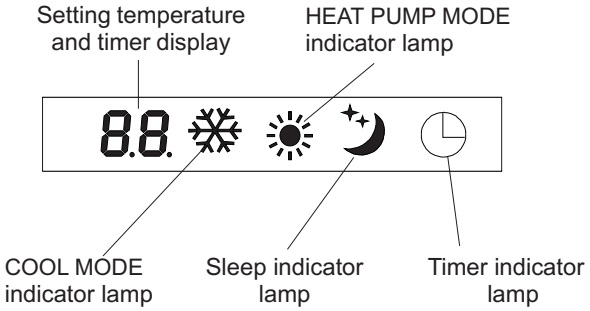


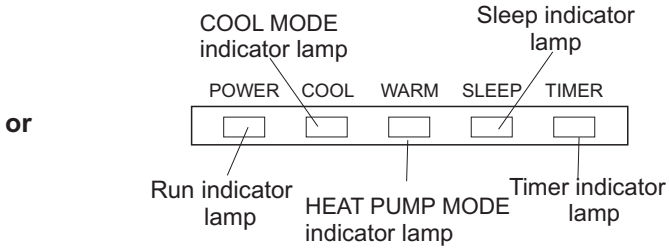
NOTICE

Appearance of the indoor unit and outdoor unit may differ with some models.

2.DISPLAY MODELS

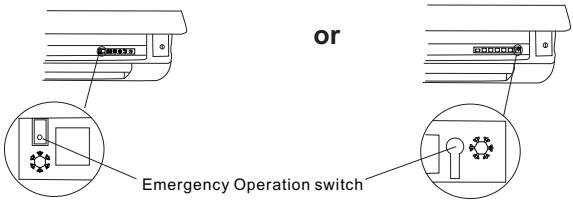
This illustration generalizes all the displays for the models included in this manual book. Please take real objects as reference while using.





3. EMERGENCY OPERATION SWITCH

In case the batteries in the remote controller are wore out, or remote controller is at fault, use Emergency operation switch (⚙).



The places of emergency operation switch of different models maybe different, but all of the emergency operation switches are showed by the icon " ⚙ ".

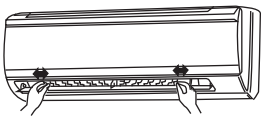
- Cooling only type
  Every time the switch is pressed, it changes in sequence of COOL → STOP.
- Heat pump type
  Every time the switch is pressed, it changes in sequence of COOL → HEAT→ STOP.

The following table shows the condition of set temperature, fan speed and deflector during emergency operation.

Mode	Set temperature	Fan speed	Deflector
Cooling	24˚C	High	Swing
Heating	24˚C	High	Swing

4. HORIZONTAL LOUVER BLADE

Hold the knob and move the deflector to change right/left airflow direction. Be careful not to adjust the deflector during operation as the fan is rotating at a high speed and may pinch your fingers.

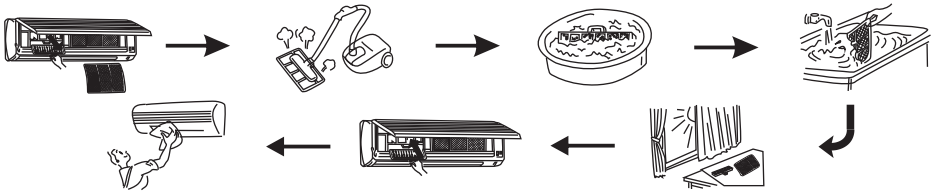


SERVICE AND MAINTENANCE

Clean the front grille and air filters at least once in every two weeks.
Before cleaning, be sure to stop the operation and turn off the breaker.
In this illustration, each section is shown just for the purpose of explanation.
During operation, please take real objects as major reference.

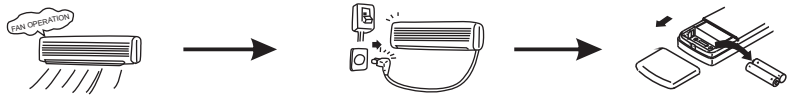
•Clean the front grille and air filters

1.Open the front grille by pulling the tabs on both sides and lift it up until it stops with a click. Pull out the air filters.
2.Remove all dust on the front grille and air filters with a vacuum cleaner or brush. (If the dust does not come off easily, wash the air filters with gentle detergent dissolved in warm water below 45℃.)
3.Wash them in clean water and dry them in the shade.
4.Insert the front grille and air filters at their original position and close the front grille.
5.Wipe the surface of the unit with moist cloth and then wipe it again with dry cloth. (Do not use benzene, solvent or other chemical products.)



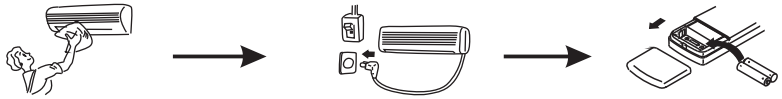
•If you will not be using the air conditioner for a long idle period

1.Set the fan going for a few hours to dry out the inside thoroughly. (Choose COOL mode or HEAT mode and select the highest set temperature, then the fan rotates.)
2.Switch the air conditioner off and unplug it from the wall socket. Clean the filters and outer surface.
3.Take out the batteries from the remote controller.



•If you have not used the air conditioner for a long period

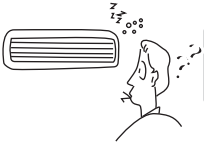
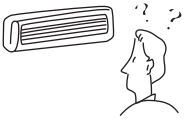
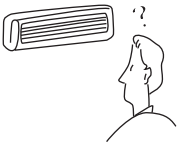
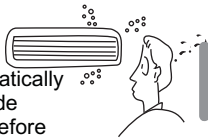
1.Clean filters and replace them to the original position. Clean the indoor and outdoor units with a piece of soft cloth.
2.Insert the power plug and make sure the earth wire not be loose.
3.Put the batteries into the remote controller.



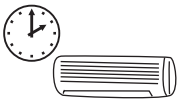
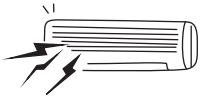
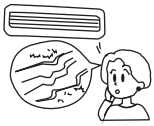
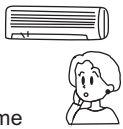
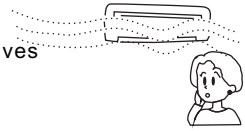
NOTICE

Air inlets and outlets shall not be covered/blocked.
For cleaning, do not use gasoline, benzene, thinner, grinding powder, detergent insecticide etc as they can damage the units.
Don't tear the batteries apart or throw them into fire, which will lead to explosion.

The following cases are not troubles that will obstruct you in using please follow the fault analysis and continue using.

Is there a fault?	Fault analysis!
Air conditioner does not operate.	■ Is it a power failure? Has the power plug fallen off? Has the circuit breaker or fuse shut off ■ Are there any obstacles or disturbance supply oscillators in the room to disturb the signal from remote controller?
Remote controller is not available and does not display.	■ Check whether the batteries of remote controller are usable. ■ Check whether the batteries are positioned correctly.
Operation does not start soon when I/O button is pressed after operation was stopped. 	■ This is a way to protect the air conditioner. Please wait 3 minutes.
After operation terminates, the vane appears not to close completely. 	■ Stepping motor could not find the RESET point, please restart the air conditioner and stop again.
Cooling and heating effect is not good.	■ Is temperature setting appropriate? ■ Are the air filters clean? ■ Are there any obstacles to block the inlets and outlets of the indoor and outdoor units? ■ Is sleep mode used during daytime? ■ Is the indoor fan speed set low? ■ Are doors and windows closed?
Air will not immediately blow out at the start of HEAT mode. 	■ The air conditioner is ready to blow out enough warm air. Please wait.
The power supply may be suddenly cut off, when the power is normal again; the air conditioner will automatically resume the same mode operation as setting before power failure. 	■ This is called auto-restart function and this function is only accessible for certain types of air conditioners with the function of auto-restart.

TROUBLE SHOOTING

Is there a fault?	Fault analysis
Indoor unit fan stops during heating. 	■ The air conditioner is deicing and it takes 10 minutes at most.(It freezes when outdoor temperature is low and humidity is high). It automatically resumes operation about 10 minutes later.
Issue cracking sounds. 	■ The friction sounds are caused by expansion and contraction of front grille resulting from temperature changes.
You can hear the sound of running water. 	■ It is the sound of flowing refrigerant inside the air conditioner. ■ Sound of accumulated flowing water on the Heat-exchanger. ■ Sound of frost melting on the heat exchanger.
Indoor unit makes bush sound and click sound.	■ Click sound is made by the switching of the fan or compressor. ■ Bush sound is made by the switch of refrigerant flowing inside the air conditioner.
When the unit is set directional swinging at low angle on COOL mode: the deflector will may auto swing to its maximum angle for 3 minutes and then resume to swing at the low angle. 	■ This function prevents the production of condensed water and does not cause any worry.
Indoor unit gives outdoor. 	■ Air conditioner may have absorbed odors from wall, carpet, furniture and again blows out.
Outdoor unit leaks water.	■ During cooling, connecting pipe or pipe connector will cause the moisture content condensation due to the low temperature. ■ During heating or defrosting, melting water and water vapor will run out. ■ During heating, water on heat exchanger will drop.

If you find one of the following symptoms, please turn the breaker off quickly and call our designated service shop nearest to you for help.

- The power cord is overheat or damaged.
- An abnormal sound is heard during operation.
- The safety breaker, fuse or the earth leakage breaker often cuts off the operation.
- Some switch or button often fails to work normally.
- The air conditioner gives out burning smell during operation.
- Water leaks from the indoor unit.

PERFORMANCE PARAMETERS

Model							
Power							
Rated cooling capacity(W)							
Rated heating capacity(W)							
Rated input power(W)	Cool						
	Heat pump						
	Aux-heat						
Air flow volume(m^3/h)							
Dehumidifying capacity (L/h)							
Waterproof class		IP20(INDOOR) IP24(OUTDOOR)					
Protection class		I					
Climate type		T1					
Refrigerant(R22)charge amount(g)							
Noise(dB(A))	Indoor						
	Outdoor						
Net weight(kg)	Indoor						
	Outdoor						
Dimension WxHxD (mmxmmxmm)	Indoor						
	Outdoor						

NOTICE

1.The indicated noise parameter is measured in laboratories before leaving factory.

2.The rated cooling/heating capacity is tested under the following conditions:

Cooling operation	Indoor	27℃(DB)	19℃(WB)	Outdoor	35℃(DB)	24℃(WB)
Heating operation	Indoor	20℃(DB)	15℃(WB)	Outdoor	7℃(DB)	6℃(WB)

3.Due to the policy of constant development, we reserve the right to modify technical data without notice. While errors and omissions are a possibility, every reasonable effort has been made to ensure that the information in this manual is correct.

4.Operating temperature range:

	Maximum cooling	Minimum cooling	Maximum heating	Minimum heating
Indoor side DB/WB(°C)	32/23	21/15	27/--	20/--
Outdoor side DB/WB(°C)	43/26	21/15	24/18	-5/-6

5.Wiring diagram of air conditioner (indoor unit/outdoor unit) are attached to the indoor/ outdoor unit respectively.

6.If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.